au

G Flex

LGL23

Basic Manual

Preface

Thank you for purchasing G Flex (simply called "this product" from here on).
Before using this product, be sure to read the "Basic Manual" (this manual) or "Full Instruction Manual" (in Japanese only) to ensure correct use. After you have finished reading this manual, be sure to store it in a safe place so that you can retrieve it whenever needed. If you lose the "Instruction Manual" (in Japanese only), contact an au shop or Customer Service Center.

About Operating Instructions

■ "Basic Manual" (this manual)
Handles only basic operations for main features. For detailed descriptions of various functions, either switch to Japanese language in "Settings" and refer to the "Instruction Manual" application (in Japanese only) in your product, or refer to "Full Instruction Manual" (in Japanese only) on au website:
http://www.au.kddi.com/support/mobile/guide/manual/

- All company names and product names in this manual are either trade marks or registered trade marks.

■ Basic Manual Application
You can use the "Basic Manual" application on this product to check operational procedures. Certain functions can be directly activated from the application screens on which their operations are described.

● Steps

1 Home screen ▶ "Apps" ▶ "Settings/Support" ▶ "Basic manual"

- When using the application for the first time, you must download and install it following the onscreen instructions.

■ Downloading manual
You can download "Basic Manual" (this manual), "Setting Guide" and "Full Instruction Manual" (in Japanese only) from au website.
http://www.au.kddi.com/support/mobile/guide/manual/

Safety Precautions

Before starting using this product, make sure to read "Safety Precautions" to ensure correct use.
Before thinking of it as a malfunction, check for possible remedies in the following au Customer Support site of au website.
http://www.au.kddi.com/support/mobile/trouble/repair

When Using This Product

- Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication is sometimes not possible in poor reception areas. Communication is sometimes interrupted if you move into a poor reception areas during communications.
- Since this product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated. (though LTE/CDMA/GSM/UMTS system has highly secure confidential communication features.)
- This product is compatible with the international roaming service. Each network service described in this manual varies depending on the area and service content.
- Since this product is a radio station under the Radio Law, you may be asked to temporarily submit this product for inspection in accordance with the Radio Law.
- The IMEI information of your cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- Take care not to inconvenience people around you when you use this product in a public place.
- If you are using this product overseas, please check the relevant laws and regulations of the country/region that you visit.
- When this product is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach their child how to use it.
- This product is the same as PC, depending on the application you install, the operations of this product may get unstable, or your location information and other personal information registered in this product may get revealed and abused via Internet. Make sure to confirm the source and the operation conditions of the application you use.

Use of this product is not allowed in the following places!

- Do not use a cell phone while driving a car or riding a motorbike or bicycle. Failure to do so might cause a traffic accident. Use of a cell phone while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.
- Do not use this product while you are in an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

Cell phone etiquette!

- Do not talk on the phone loudly.
- Ask for permission of other people before taking pictures of them with this cell phone.

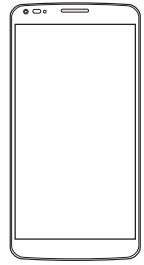
Take care of people around you!

- In crowded trains or other crowded places, there may be people with a cardiac pacemaker nearby. Turn off the cell phone.
- When a medical institution has laid down designated areas where use of cell phone is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.

List of Packaged Items

Before starting using this product, make sure that you have all the following packaged with this product.

● Main unit



● microSD reader writer (sample)

● au IC Card opener (sample)

● 設定ガイド (Setting Guide) (in Japanese only)
● 取扱説明書 (Instruction Manual) (in Japanese only)
● 保証書 (Warranty) (in Japanese only)

The following items are not included in the package.

- microUSB cable
- AC adapter
- microSD memory card
- Earphones

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- Purchase a specified charger (sold separately).
- Illustrations of cell phones in this manual are only for reference. They may look different from the actual product.
- Battery is built in this product.

Using au Disaster Countermeasure Application

au Disaster Countermeasure application enables you to use Disaster Message Board, Emergency Rapid Mail contains Earthquake Early Warnings, Disaster and Evacuation Information and Tsunami Warnings, Disaster Voice Messaging Service, and Disaster Information/ Disaster Relief Donation Site.

1 Home screen ▶ "Apps" ▶ "Settings/Support" ▶ "au災害対策 (au Disaster Countermeasure)"
au disaster countermeasure menu is displayed.

Using Disaster Message Board

Disaster Message Board is a service that enables you to register your safety information from disaster areas via LTE NET when a large-scale disaster such as an earthquake with intensity of over 6 lower occurs. Registered safety information can be confirmed from au phones, other company's phones, and PCs.
For details, refer to "災害用伝言板サービス (Disaster Message Board service)" on au website.

1 au Disaster Countermeasure menu ▶ "災害用伝言板 (Disaster Message Board)"
Follow the onscreen instructions to register and confirm.

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- An e-mail address (@ezweb.ne.jp) is required to register safety information. Set up e-mail address beforehand. For details on settings of an e-mail address, refer to "Setting Guide".
- While wireless LAN (Wi-Fi®) is connected, deleting or changing the settings of safety information e-mail is not available.
- The Company makes no guarantee about the quality of this service. Note that in using this service, the Company is not liable regardless of the cause, for problems related to registering safety information due to access concentration or facility failure, damage due to corruption or loss of safety information, or damage caused by registered safety information.

Using Emergency Rapid Mail

The Emergency Rapid Mail is a service that distributes Earthquake Early Warning and tsunami warnings provided by Japan Meteorological Agency, or Disaster and Evacuation Information provided by national/local governments to all au cell phones in specified areas simultaneously.
The "受信設定 (Receiving setting)" for Emergency Rapid Mail (Earthquake Early Warning or Disaster and Evacuation Information) is set to "受信する (Receive)" at the time of purchase.
The receiving setting for tsunami warnings can be set on the Disaster and Evacuation Information settings.
When you receive Earthquake Early Warning, ensure your safety and take proper action according to the situation around you.
When you receive tsunami warnings, leave sea coast immediately and evacuate to safe places such as hills and substantial tall buildings.

1 au Disaster Countermeasure menu ▶ "緊急速報メール (Emergency Rapid Mail)"

Inbox is displayed.
Select a mail to view detailed information.

削除 (Delete)		Delete a received mail.
設定 (Setting)	受信設定 (Receive option setting)	**緊急地震速報 (Earthquake Early Warning)**: Set if receive Earthquake Early Warning.
		災害・避難情報 (Disaster and Evacuation Information): Set if receive Disaster and Evacuation Information and tsunami warnings.
	通知設定 (Notification settings)	**音量 (Volume)**: Set incoming mail volume.
		バイブ (Vibrator): Set if enable vibrator when receiving a mail.
		マナー時の鳴動 (Linkage to manner mode): Set if notify by manner mode while manner mode (sets Sound profile to "Vibrate only" or "Silent") is on.
	受信音／バイブ確認 (Confirm ringtone/ vibrator)	**緊急地震速報 (Earthquake Early Warning)**: Confirm ringtone/vibrator for Earthquake Early Warning.
		災害・避難情報 (Disaster and Evacuation Information): Confirm ringtone/vibrator for Disaster and Evacuation Information and tsunami warnings.

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- Reception of Emergency Rapid Mail is notified by both warning tone and vibrator. The warning tone cannot be changed.
  * For Earthquake Early Warning, notify by warning tone and voice ("地震です(jishin desu)(earthquake)"), vibrator.
- Earthquake Early Warning is sent to areas where strong quakes (over 4 degrees) are expected when earthquakes whose maximum intensity is predicted of 5 lower or more degrees.
- Immediately after an earthquake occurs, quakes (P waves and initial tremors) near the epicenter are detected and position, scale, and expected strength are automatically calculated and notification is sent as soon as possible within a few seconds to tens of seconds before the strong quakes (S waves and major tremors) caused by the earthquake start.
- Earthquake Early Warning may not arrive before strong tremors in areas near the epicenter.
- Tsunami warning notifies major tsunami warnings and tsunami warning provided by Japan Meteorological Agency to area including the target sea coasts.
- Disaster and Evacuation Information is a service that distributes bulletins concerning residents safety including evacuation advisories, evacuation orders and other warnings issued by the national and local governments.
- This service is available only in Japan (it cannot be used overseas).
- No information fee or communication charge is required for receiving Emergency Rapid Mail.

- KDDI is not liable for damages suffered by customers resulting from the service information, lack or delay in the information caused by transmission or system breakdowns, or other events that does not belong to the responsibility of KDDI.
- Refer to the Japan Meteorological Agency web page for details about distribution of Earthquake Early Warning. http://www.jma.go.jp/ (in Japanese only)
- You cannot receive any Emergency Rapid Mail when this product is turned off or when you are calling.
- Data communication, such as receiving or sending an SMS/e-mail and using browser, you might not be able to receive Emergency Rapid Mail.
- You might not receive any Emergency Rapid Mail in places where the signal does not reach (e.g. tunnels and basements) or where the signal reception is poor even inside the service area.
- Once the Emergency Rapid Mail fails in receiving, the same mail cannot be received again later on.
- Since Emergency Rapid Mail uses a different delivery system, the reception time of Emergency Rapid Mail may not coincide with the same emergency warnings broadcasted through TV, radio or other medium.
- Information from places other than your current location may be received.

Using Disaster Voice Messaging Service

Disaster Voice Messaging Service is a service that enables you to record your voice via your smart phone and to deliver the message to people to whom you want to send to when a large-scale disaster occurs.

1 au Disaster Countermeasure menu ▶ "災害用音声お届けサービス (Disaster Voice Messaging Service)"

■ Sending voice (Send)

Tap "声をお届け (Send voice)", and operate "①お届け先を選択 (Select a sending destination*)" → "②お届けしたい声を録音 (Record voices to send)" in order.

* Sending destination can be selected from Contacts.

■ Receiving voices (receive)

Delivery of voice messages are notified by the pop-up window or SMS. Receive (download) and play back the voice message.

- If the receivers are using a smartphone or an au cell phone on which an au Disaster Countermeasure application supporting Disaster Voice Messaging Service is not activated, they are notified with an SMS.
- If you are notified with SMS, the information is not saved in au Disaster Countermeasure application.

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- To use the service via Wi-Fi®, initial setting is required via LTE/3G network.
- Voice messages can be recorded for up to 30 seconds.
- Contact each other between au cell phones or with a cell phone of other companies/PHS.
- Voice may not be heard when the media sound volume is set to low or when the manner mode (Sound profile set to "Vibrate only" or "Silent") is set.
- When a main unit (memory) has no free space, voice messages may not be saved or played back.
- Some cell phones cannot receive voice messages. For details, refer to the au website.

Using Disaster Information/Disaster Relief Donation Site

Take the following steps to view the history of disaster information/evacuation information dispatched by municipalities, the disaster information portal site, disaster relief donation site, etc.

1 au Disaster Countermeasure menu ▶ "災害情報／義援金サイト(Disaster Information/Disaster Relief Donation Site)"

2 Follow the onscreen instructions

Contents

Preface ····· ii
About Operating Instructions ····· ii
Safety Precautions ····· 1
When Using This Product ····· 1
List of Packaged Items ····· 2
Using au Disaster Countermeasure Application ····· 3

Safety Precautions

Regarding Notations Used in This Manual ····· 9
Exemptions ····· 10
Safety Precautions (Observe Strictly) ····· 11
Handling Precautions ····· 24
Bluetooth®/wireless LAN (Wi-Fi®) function ····· 32
Notes on Packet Communication Charge ····· 34
Applications ····· 35

Before Using the LGL23

Names and Functions of Parts ····· 36
Using au Micro IC Card (LTE) ····· 37
Attaching/Removing au Micro IC Card (LTE) ····· 38
Charging ····· 41
Turning the Power On/Off ····· 43
Initial Settings ····· 44

Basic Operations

Using Touch Panel ····· 46
Using Home Screen ····· 47
Viewing State of This Product ····· 49
LED Notification ····· 53
Capturing Screenshots ····· 53
Using QMemo Function ····· 54

Character Input

Character Input ····· 55

Phone

Making Calls ····· 57
Receiving Calls ····· 59
Checking Your Phone Number ····· 60

File Management

Using microSD Memory Card ····· 61

Function Settings

Viewing Setting Menu ····· 63

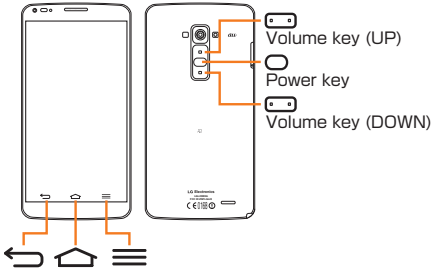
Appendix

Introduction of Related Accessories ····· 65
Troubleshooting ····· 66
Updating Software ····· 67
After-sales Service ····· 68
Main Specifications ····· 71
Specific Absorption Rate (SAR) of Cell Phones ····· 73
Declaration of Conformity ····· 75
European Union Directives Conformance Statement ····· 76
Important Safety Information ····· 76
FCC Notice ····· 77
FCC RF Exposure Information ····· 78
Body-worn Operation ····· 78
Certificate and Standard ····· 79
Export Administration Regulations ····· 79
Intellectual Property Right ····· 80

Regarding Notations Used in This Manual

■ Key indications used in this manual

In this manual, keys are represented by simplified illustrations as shown below.



■ Indications used for the operation of selecting items/icons/keys, etc.

Notations used for operation procedures in this manual are as follows.

Tap means to lightly touch and release the button or icon shown on the display to select it.

Notation	Description
Home screen ▶ "Phone" ▶ "1", "4", "1" ▶ " "	Tap " (Phone)" on the bottom of Home screen. Tap "1", "4", "1" and " ".
Home screen ▶ " " ▶ "System settings"	Tap " " on the Home screen. Tap "System settings".

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- Descriptions in this manual are based on the operations of portrait screen. Items, icons or keys on the screen may look different on horizontal screen.
- Items, title levels and icons in this manual may look different based on different functions and different conditions you use, etc.
- In this manual, "microSD™ memory card", "microSDHC™ memory card" and "microSDXC™ memory card" are abbreviated as "microSD memory card" or "microSD".
- All of the indicated amounts exclude tax unless otherwise specified.

■ Illustrations and screen displays used in this manual

Illustrations and screens shown in this manual may look different from the actual product or screen.

In some cases, minor details or a part of a screen may be omitted.

Exemptions

- The Company is not liable for any damages arising from earthquakes, lightning, storms, floods, or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken operations by the customer, or use under other unusual conditions outside the responsibility of the Company.
- The Company is not liable for any incidental damages (change/disappearance of described content, loss of business income, disruption of business, etc.) arising from use of or inability to use this product.
- The Company is not liable for any damages arising from improper usage not written in "Basic Manual" (this manual).
- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.
- Captured image data or downloaded data may sometimes be altered or lost due to faults, repair, or other handling of this product. The Company is not liable for any damages or lost income resulting from recovery of these data.
- It is recommended you keep a copy of important data in your PC's hard disk, etc. Whatever the cause of fault or malfunction may be, the Company assumes no responsibility for alteration or loss of saved information.

* "The Company" as appears in this manual refers to the following companies:

Sold by: KDDI CORPORATION,
OKINAWA CELLULAR TELEPHONE COMPANY

Imported by: LG Electronics Japan Inc.

Manufactured by: LG Electronics Inc.

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- Reproduction of the content of this manual in part or in whole is prohibited.
- The content of this manual is subject to change without notice.
- Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.
- Wrong page order or missing pages will be replaced.

Safety Precautions (Observe Strictly)

■ Before using this product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.

- These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using this product.
- These instructions are divided into the following categories.

■ Explanation of indications used in this manual

⚠ DANGER	This symbol indicates the potential and imminent danger of death or serious injury*1 to a person.
⚠ WARNING	This symbol indicates the possibility of death or serious injury*1 to a person.
⚠ CAUTION	This symbol indicates the possibility of personal injury*2 to a person or physical damage*3.

*1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.

*2 Injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.

*3 Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

■ Explanation of graphic symbols used in this manual

Don't	Indicates an action that is not allowed.
No wet hands	Indicates that handling with wet hands is not allowed.
Not disassembly	Indicates that disassembly is not allowed.
Not liquids	Indicates that use in a place where this product is likely to get wet or allowing this product to get wet is not allowed.
Do	Indicates an action that must be done.
Unplug	Indicates that the power plug must be disconnected from the power outlet.

■ Precautions common to the main unit, built-in battery, charging equipment, au Micro IC Card (LTE), peripheral devices

⚠DANGER **Be sure to read the following hazards before use.**

Do

Be sure to use only the specified peripheral devices. Use of other peripheral devices might cause overheating, ignition, rupture, fault, or leakage of liquid.

Don't

Do not use, store, or leave this product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire, or injury.

Do

Before entering an area where flammable gas is generated such as a gas station, be sure to turn off this product. Also, do not charge this product. Failure to observe these precautions might cause the gas to catch fire. In addition, when using the clearing function of Osaifu-Keitai® at a gas station, etc., make sure to turn off the power in advance. (If Osaifu-Keitai® has been locked, cancel the lock before turning off the power.)

Don't

Do not put this product in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire, or injury.

Don't

Do not throw this product into a fire or heat it. Doing so might cause ignition, rupture, or fire.

Don't

Do not short-circuit the connection terminals. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminals. Doing so might cause fire, or a fault.

Don't

When using metal accessories, etc., make sure not to allow the metal part come in contact with the connection terminals or power outlet. Doing so might cause electric shock, ignition, injury, or a fault.

Don't

Do not expose the camera lens to direct sunlight for an extended period. Doing so might cause ignition, rupture, or fire by the light-collecting mechanism of the lens.

Not disassembly

The customer is not allowed to disassemble, modify, or repair this product. Doing so might cause a fault, ignition, electric shock, or injury. The Company is not liable even in the event of any non-conformities arising on this product or peripheral devices as a result of modification, etc. Modification of this product is in violation of the Wireless Telegraphy Act.

⚠ WARNING **Be sure to read the following warnings before use.**

Don't

Do not subject strong impact to it, such as dropping or throwing away.
Doing so might cause rupture, overheating, ignition, or a fault.

Don't

Do not use this product outside when you hear thunder. Doing so might risk lightning strikes and electric shock.

Don't

Do not let your hands, fingers, or other parts of your body touch the connection terminals. Doing so might cause electric shock, injury, or a fault.

Don't

If this product is damaged, the display is cracked or internal parts are exposed resulted from the falling down of this product, do not touch the cracked display or the exposed parts with your hands.
Doing so might cause electric shock or injury from damaged parts. Contact an au shop or Secure cell phone support center.

Not liquids

Charging the battery when the main unit is wet might lead to electric shock, short circuit or corrosion, causing fire or a fault due to overheating.

Not liquids

No wet hands

Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock, fault from short-circuiting, or corrosion of electronic circuits. In the event that this product is splashed with liquid, immediately disconnect the AC adapter's power plug. Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.

Don't

Do not operate this product while driving a car or motorbike, riding a bicycle, or walking. Doing so may compromise traffic safety and cause an accident.

Don't

If charging is not completed after the specified charging time, stop charging. Failure to do so might cause leakage of liquid, overheating, rupture, or ignition.

Don't

Do not leave it in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injuries.

⚠CAUTION **Be sure to read the following cautions before use.**

Don't

Do not store this product in places subject to direct sunlight (e.g. in cars), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so might cause overheating, ignition, deformation, or a fault.

Don't

Do not leave on unstable places such as rocky stands or tilting surfaces. Dropping this product may cause injury or damage. Pay sufficient attention while vibrator is set to ON. Also, pay sufficient attention to impact, etc.

Don't

Do not cover or wrap this product with bedding, etc. while using or charging. Doing so might cause fire, a fault, or injury.

Don't

Do not touch the main unit of this product and the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Don't

Be careful when using this product in a high temperature place for a long time. It might become hot. Use of it with your skin touching this product for a long time might cause low-temperature burns.

Don't

Do not use power outlets or wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.

Don't

Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so might cause a fault or loss of internal data.

Do

Do not use this product if there is smoke, abnormal odor or noise, excessive overheating, or other abnormalities. If an abnormality occurs, disconnect the specified charging equipment (sold separately) from the power outlet, make sure that this product is not overheating before turning its power off, and contact an au shop or Secure cell phone support center. Also, if you have dropped or damaged this product, do not continue to use it in that state, and contact an au shop or Secure cell phone support center.

Do

When inserting an earphone, etc. into this product, adjust the volume to a proper level. Setting too loud a volume or using the earphone continuously for a long period of time might adversely affect your ears.
Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

Do

When adjusting the volume with an earphone, etc. inserted into this product, raise the volume a little at a time. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

Do

When using an charging equipment or external device, insert/remove the connector straight to/from the terminal. Make sure the orientation of the connector is correct. Failure to do so might cause damage or a fault.

■ Main unit

⚠ WARNING **Be sure to read the following warnings before use.**

Don't

Do not use a cell phone while driving a car or riding a motorbike or bicycle. Failure to do so might cause a traffic accident. Use of a cell phone while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.

Don't

Do not use this product while you are in an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

Do

This product sometimes affects high-precision electronic devices. So, turn it off near such devices. (Examples of electronic devices that might be affected by this product include cardiac pacemakers, hearing aids, other electronic medical devices, fire alarms, and automatic doors. If you are using an electronic medical device, contact the device manufacturer or retailer for information about the possible affect of radio waves.)

Do

When using this product near an implanted pacemaker, implanted cardioverter-defibrillator, or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.

1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use this product at least 15 cm away from the pacemaker or cardioverter-defibrillator applied part.
2. Set this product to airplane mode or turn off the power in advance in places where you cannot move freely or where you cannot secure a distance of more than 15 cm with one another, since there may be people with a implanted cardiac pacemaker or implanted cardioverter-defibrillator nearby.
3. Pay attention to the following points when using this product inside medical institutions.

- Do not bring this product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).
- Turn this product off in hospital wards.
- Even if you are in a lobby, etc., be sure to turn this product off when there are electronic medical devices nearby.
- When a medical institution has laid down designated areas where use of this product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.

4. When using electronic medical devices other than an implanted pacemaker and implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.

Do
Stay alert to your surroundings when calling, messaging, browsing the Internet, shooting photos, playing games, watching TV, or listening to music. Failure to do so might cause a fall or traffic accident.

Don't
Do not send data by infrared communication with the infrared port pointing toward eyes. Doing so might affect eyes. Also, sending data with the infrared port pointing toward some other infrared device might cause false operations, etc.

Don't
Do not use the photo light in front of a person's eyes. Do not gaze at the light emitting part when the photo light is on. Doing so may cause impairment of eyesight, etc. Be especially careful not to take pictures of small children from a very close distance.

Don't
Do not light the photo light toward a driver of a car, motorbike, or bicycle. If dazzled by the light, the driver might become unable to drive and cause an accident.

Do
Sometimes, very rarely some people demonstrate symptoms such as temporary muscle spasms, loss of consciousness, etc. by watching repeatedly flickering screens. Those with a past history of this should consult with a physician beforehand.

⚠CAUTION **Be sure to read the following cautions before use.**

Don't
Use of the main unit in a car might sometimes affects on-vehicle electronic devices, though this rarely happens. If this happens, stop use since this may impair safe travel.

Do
If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition.

■ The materials of parts used on this product are as follows.

Part		Material	Surface treatment
Outer case (display frame part)		PC resin	NCVM, UV coating
External case (outsider of the external connection terminal)		PC/ABS+GF+ PCR resin	IML
Button	Power key	PC resin	NCVM
	Volume key	AL	Anodization
Display		Hardened glass	AF coating
au Micro IC Card (LTE) slot		PC resin	UV coating
Camera lens		Soda-lime glass	AR, AF coating
Camera and key decoration		PC resin	UV coating
Flash		PC resin	-
Infrared port		PC resin	-
TV antenna	Pole part	Stainless steel	-
	Tip part	PC resin	UV coating

Don't Do not bring this product close to magnetized objects such as cash cards, floppy disks, credit cards, and prepaid cards. Doing so might result in loss of recorded information.

Don't Do not swing this product around by holding the TV antenna, etc. Doing so might cause an accident or damage.

Do Be careful when setting vibrator (vibration) or ringtone if you heart is weak. Doing so might result in bad effect to heart.

Do Pay attention to items stuck to the main unit. The speaker uses magnets, and so thumbtacks and pins, craft knife blades, staples, and other metal objects sometimes become stuck to the main unit, and cause unexpected injury. Before using this product, be sure to check that there are no foreign objects on the speaker or other parts.

Don't Do not place this product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece, microphone, or speaker, causing the volume to drop. If sand gets inside this product main unit, it might cause overheating or a fault.

Don't When using this product for calling or data communication, be careful not to keep this product in direct contact with your skin for a prolonged period, or not to cover this product with paper, cloth, bedding, etc. The main unit might get hot, causing fire, burns, or a fault.

■ Built-in battery

Li-ion00 (The built-in battery of this product is a lithium polymer battery.)
When you purchase your cell phone, it is not fully charged.
Charge the battery before using this product.

⚠DANGER Be sure to read the following hazards before use.

Do

If the leaked liquid gets on your skin or clothes, immediately rinse it off with water to avoid injury. If the liquid gets into your eyes, do not rub but wash your eyes with water, and immediately consult a doctor to avoid the risk of losing your eyesight.
If the liquid gets on a device, wipe it off without touching it.

Do

The built-in battery is a consumable item. If the performance does not recover (e.g. the usable time after each charge has become extremely short), the battery is at the end of service life, so stop its use. Failure to do so might cause overheating, ignition, rupture, or leakage. Because the battery is a built-in type, an au shop will accept holding over and repair for a charge. Note that this product may not be available for use for a certain period. Note that the length of service life varies depending on the usage condition, etc.

■ Charging equipment

⚠WARNING Be sure to read the following warnings before use.

Don't

Do not use at other voltages than the specified power supply voltage.
Doing so might cause ignition, fire, overheating or electric shock.

- AC adapter (sold separately): 100 VAC to 240 VAC
- DC adapter (sold separately): 12/24 VDC (for negative grounded vehicles only)

Do

Firmly insert the plug of the specified charging equipment (sold separately) into the power outlet or cigarette lighter socket down to the base of its pins. Incomplete insertion of the power plug might result in electric shock or fire caused by overheating and ignition. Do not use the damaged specified charger, power outlet or cigarette lighter socket with loose insertion connector.

Do

If the fuse in the common DC adapter 03 (sold separately) blows, replace it with a fuse of the specified type (250 V, 1A). Replacing with a different type of fuse might cause overheating or ignition. (For information about fuse replacement, carefully read the manual for the common DC adapter 03 (sold separately).)

Don't

Do not damage, modify, twist, pull, or place a heavy object on the power cord of the specified charging equipment (sold separately). Do not use a damaged cord. Doing so might cause an electric shock, short circuit, or fire.

Don't

Do not let your hands, fingers, or other parts of your body touch the connection terminals. Doing so might cause electric shock, injury, or a fault.

Don't

If you hear thunder, do not touch the power plug. Doing so might cause an electric shock as a result of a lightning strike.

Unplug

Before cleaning the specified charging equipment (sold separately), unplug its power plug from the outlet or cigarette lighter socket. If the plug remains plugged in when you clean the equipment, it might cause an electric shock or short circuit.

Do

Wipe off dust on the power plug. Failure to do so might cause fire, burns, or electric shock.

Do

Install and position in-car devices where they do not hinder driving or safety equipment such as airbags. Failure to do so might cause a traffic accident. Install in-car devices following the instructions of their manuals.

Unplug

When the AC adapter is not to be used for a long time, disconnect the AC adapter's power plug from the power outlet. Failure to do so might cause electric shock, fire, or a fault.

Not liquids

Do not use in places subject to direct splashing with water, pet urine, or other liquids. Doing so might result in faults resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that this product is splashed with liquid, immediately disconnect the AC adapter's power plug.

⚠CAUTION Be sure to read the following cautions before use.

Not liquids

No wet hands

Do not use in humid places such as bath areas, or connect/disconnect the AC adapter with wet hands. Doing so might cause electric shock or a fault.

Do

Charge the battery in a stable place. If placed on an inclined surface or wobbly stand, this product might fall causing injury or damage. Pay sufficient attention while the vibrator is turned on. In addition, do not cover or wrap this product with a cloth or bedding. Doing so might cause fire or a fault.

Do

When unplugging the plug of the specified charging equipment (sold separately) from the power outlet or cigarette lighter socket, hold and pull the power plug. Pulling on the cable might damage it.

Don't

Do not use the common DC adapter 03 (sold separately) with the car engine stopped. Doing so might result in draining of the car battery.

■ au Micro IC Card (LTE)

⚠WARNING Be sure to read the following warnings before use.

Don't

Do not put au Micro IC Card (LTE) in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

⚠CAUTION Be sure to read the following cautions before use.

Do

Be careful when attaching or removing au Micro IC Card (LTE). Doing so might injure your hands or fingers.

Do

Only insert au Micro IC Card (LTE) into the devices specified by the Company. Using a device not specified by the Company might cause loss of data or a fault. For the specified devices, contact an au shop or Customer Service Center.

Not disassembly

Do not disassemble or modify au Micro IC Card (LTE). Doing so might cause loss of data or a fault.

Don't

Do not use or leave au Micro IC Card (LTE) in hot places such as by the fire or a heater. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

Don't

Do not throw au Micro IC Card (LTE) into a fire or heat it. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

Don't

Do not touch the IC (metal) part of au Micro IC Card (LTE) or short-circuit it. Doing so might cause loss of data or a fault.

Don't

Do not drop au Micro IC Card (LTE) or subject it to strong impact. Doing so may cause a fault.

Don't

Do not fold, bend or place a heavy object on au Micro IC Card (LTE). Doing so may cause a fault.

Not liquids

Do not wet au Micro IC Card (LTE). Doing so may cause a fault.

Don't

Do not scratch the IC (metal) part of au Micro IC Card (LTE). Doing so may cause a fault.

Don't

Do not store au Micro IC Card (LTE) in dusty places. Doing so may cause a fault.

Don't

Do not store au Micro IC Card (LTE) in places exposed to direct sunlight or hot and humid places. Doing so may cause a fault.

Do

Store au Micro IC Card (LTE) out of reach of small children. Accidental swallow might cause suffocation, injury, etc.

■ microSD reader writer (sample)

⚠DANGER **Be sure to read the following hazards before use.**

Don't

Do not use, store, or leave this product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire, or injury.

Don't

Do not put this product in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire, or injury.

Don't

Do not throw this product into a fire or heat it. Doing so might cause ignition, rupture, or fire.

Don't

Do not short-circuit the connection terminals. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminals. Doing so might cause fire, or a fault.

Not disassembly

The customer is not allowed to disassemble, modify, or repair this product. Doing so might cause a fault, ignition, electric shock, or injury. The Company is not liable even in the event of any non-conformities arising on this product or peripheral devices as a result of modification, etc.

⚠ WARNING Be sure to read the following warnings before use.

Don't

Do not subject strong impact to it, such as dropping or throwing away. Doing so might cause rupture, overheating, ignition, or a fault.

Not liquids

No wet hands

Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock, fault from overheating, fire, electric shock or corrosion of electronic circuits. Also, if this product gets wet, power off immediately and contact an au shop or Secure cell phone support center. Do not use the wet microSD reader writer (sample).

Don't

Do not let your hands, fingers, or other parts of your body touch the connection terminals. Doing so might cause electric shock, injury, or a fault.

Don't

Do not leave it in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injuries.

⚠ CAUTION Be sure to read the following cautions before use.

Don't

Do not store this product in places subject to direct sunlight (e.g. in cars), hot places, places that are extremely cold, and in humid or dusty places. Doing so might cause overheating, ignition, deformation, or a fault.

Don't

Do not leave this product on the floor. It may be stepped on by mistake or cause a fall, which may lead to an injury or accident.

Do

When this product is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it. In addition, check whether they are using it as directed. Failure to do so might cause injury.

Do

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition.

Don't

Do not allow foreign matters such as liquids, metal objects, burnable items, etc. to get inside the microSD memory card slot. Doing so might cause fire, electric shock or a fault.

■ The materials of each part used on microSD reader writer (sample) are as follows.

Part	Material	Surface treatment
microSD reader writer main unit	Case Lupoy SC1002FHKPA1	Etching-SA06
microSD reader writer connector	PBS (C5210)	Gold coating
microSD reader writer slot	SHELL SUS304	-

■ au IC Card opener (sample)

⚠WARNING Be sure to read the following warnings before use.

Don't Do not put au IC Card opener (sample) in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause melting, overheating, ignition, or a fault.

Don't The tip part of au IC Card opener (sample) is sharp. Do not point it at yourself or others. Doing so might cause blindness or injury.

Don't Do not leave in places within the reach of small children. It might cause injury such as choke if they accidentally swallow it.

Do Be careful not to hurt your hands or fingers when inserting au IC Card opener (sample) into this product.

⚠CAUTION Be sure to read the following cautions before use.

Do Be careful when using au IC Card opener (sample). Doing so might injure your hands or fingers.

Don't Do not use or leave au IC Card opener (sample) in hot places such as by the fire or a heater. Doing so might cause melting, overheating, ignition, or a fault.

Don't Do not throw au IC Card opener (sample) into a fire or heat it. Doing so might cause melting, overheating, ignition, or a fault.

Don't Do not drop au IC Card opener (sample) or subject it to strong impact. Doing so may cause a fault.

Don't Do not fold, bend or place a heavy object on au IC Card opener (sample). Doing so may cause a fault.

Do Store au IC Card opener (sample) out of reach of small children. Accidental swallow might cause suffocation, injury, etc.

Do If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition.

■ The materials of each part used on au IC Card opener (sample) are as follows.

Part	Material	Surface treatment
au IC Card opener main unit	SUS304	-

Handling Precautions

These precautions are provided to ensure that performance can be fully demonstrated.
Thoroughly read these precautions to ensure correct use.

■ Precautions common to main unit, built-in battery, charging equipment, au Micro IC Card (LTE), peripheral devices

- Do not apply excessive force to this product during use. Be sure not to put this product into a tightly packed bag or place a heavy object on this product in a bag. Sitting on this product in your pocket might damage the display or internal circuit board resulting in a malfunction.

  Keeping an external device connected to the external connection terminal or earphone jack might damage the terminal resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.
- Do not use this product in extremely hot, cold, or humid places. (Use within an ambient temperature range of 5℃ to 35℃ and humidity range of 35% to 85%.)
- Do not use in places subject to lots of dust or vibration.
- Clean the connection terminals with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection. Do not exert a strong force to clean the connection terminals to prevent deformation.
- Clean this product with a soft dry cloth (such as the type used for eyeglasses). Forceful rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left attached to the surface. Wiping this product using alcohol, thinner, benzene, detergent, etc. might erase the printing on the outer casing or cause discoloration.

● Use as far away as possible from land-line phones, TVs, and radios. Use nearby might affect them.

● This product may become warm while charging etc., depending on the situations, but this is not abnormal.

● When this product is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it.

■ Main unit

● Do not forcefully press, tap, or intentionally subject the display to strong impact. Doing so might cause scratching or damage.

● Do not forcefully press your fingernails, sharp objects, or hard objects against button or display surface. Doing so might cause scratching or damage.

The touch panel is designed to be lightly touched by fingers. Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens, and pins) on the touch panel.

In the following cases, the touch panel may not work even if you touch it. It may cause malfunction.

- Operation with gloved hands
- Operation with fingernails
- Operation with a foreign object placed on the touch panel
- Operation with a protective sheet or sticker on the touch panel
- Operation with water drops left or frozen on the surface
- Operation with wet or sweaty fingers

● Never use modified au cell phones. Use of a modified device violates the Radio Law. This product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark ㊣" is printed on the nameplate of this product as a certificate. Confirm nameplate following the operations below.
Home screen ▶ "☰" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Regulatory and Safety"
If the screws of this product are removed and modifications are made to the internal components, the certification of conformity with technical regulations will become invalid. Never use this product without the valid certification. Doing so violates the Radio Law.

● To prevent unlawful modification, this product has been designed so that it cannot be easily disassembled. Modifying this product is prohibited by the Radio Law.

● Contents saved in this product, such as contacts, mails, or favorites might be altered or lost by an accident, fault, repair, or mishandling. Be sure to keep a copy of important contents. Note that the company assumes no responsibility for any damages or lost profits resulting from altered or lost contents.

● Note that contents (both charged or free content) saved on this product cannot be returned to the customer when it is replaced for repair of a fault, for example.

● Although the organic EL (OLED) display used on this product is made using high-precision technology, some pixels (dots) might be lit or out at all times. Colors may change, and brightness unevenness may become visible if looked at from different angles. Note that it is the structure of OLED display, not a fault.

● Although lightning intensity of OLED can be decreased partly when the same image has been displayed for a long time, extreme continuous use is performed with "Brightness" setting of "Display" set to be always bright, it is not abnormal because it is the feature of OLED.

● Brightness of display may decrease resulting from the increasing temperature of this product or the low battery level.

- Exposing to sunlight directly on OLED display causes a fault. Pay extra attention when placing it at the window or outdoors.
- Take care not to inconvenience people around you when you use this product in a public place.
- You are recommended to store copies of individual data such as photos you took, videos and music in your PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of some copyrighted data even by the above mentioned means.
- Take care not to place magnetized items such as magnetic cards, speakers and TV sets near this product, as it might cause malfunction.
  Putting strong magnetism close to this product might cause false operation.
- When you put this product in your pocket or bag, take care so that the display does not come in contact with metal objects or other hard objects. Doing so might cause scratching or damage. Also, be careful not to scratch or damage the display by using an object such as a strap whose metal or other hard part comes in contact with the display.
- When suddenly brought into a warm place from a cold place, or used in a humid location, or when used where temperature suddenly changes such as near the air discharge port of an air conditioner, water droplets (i.e. condensation) sometimes form inside this product. Note that when used under conditions such as this, humidity might cause corrosion or a fault.
- When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.
- When connecting the external device to the connection terminal, make sure that connector of the external device is straight with the connection terminal.
- Note that applying unnecessary force with the external device connected to the external connection terminal might cause damage.
- Do not discard this product together with regular trash. Please cooperate in the collection of this product when it is no longer needed to protect the environment and effectively use resources. Old product are collected at au shops and other places.
- When hearing the other party's voice, make sure that the earpiece is placed at the center of your ear. If the earpiece (audio output port) is closed by the ear lobe, it may be hard to hear the voice.
- Even if you cover the microphone to make your voice inaudible to the other party, the other party can hear your voice.
- Sound from speaker may be very loud when you use hands-free calling. Keep it away from your ear when using it.
- Do not cover the light sensor with your finger or put a sticker on it. Doing so may hinder the light sensor from detecting the ambient brightness and functioning correctly.
- When you put a sticker, etc. on the proximity sensor, the sensor will malfunction and indications on the display will turn off at all times while receiving or making a call. In this case, note that you may not be able to operate this product.

■ Touch Panel

- Use your finger to operate the touch panel. Do not use ballpoint pens, pencils, or other sharp-pointed objects. Using such objects does not only hinder correct operation of the touch panel, but also might cause scratching or damage to the display.
- Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display. Doing so might cause improper reaction of touch panel.
- Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.
- If the display surface is dirty or wet with sweat or water, it may not function correctly. In such case, wipe the display surface with a dry, soft cloth.
- When carrying this product in your pocket or bag, take care not to put the touch panel close to metals or other conductive materials, as it might cause false operation of the touch panel.

■ Built-in battery

- Use in very hot or cold environments, for example, when left in a car with the windows closed in summer, will cause the built-in battery capacity to drop and shorten the available battery usage time. This will also shorten the built-in battery service life. Try to use the built-in battery as far as possible at room temperature.
- Charge the battery before using this product for the first time after purchase, or if you have not used this product for a long time.
- The built-in battery is a consumable item. If the performance of a battery pack does not recover after charge, the built-in battery is at the end of its service life, so stop using it. Because the battery is a built-in type, an au shop will accept holding over and repair for a charge. Note that this product may not be available for use for a certain period. Note that the length of service life varies depending on the usage condition, etc.
- Built-in battery sometimes swell up as they approach the end of their service life. This is due to the properties of lithium polymer batteries, and is not a problem in terms of safety.

■ Charging equipment

- When not using the specified charging equipment (sold separately), remove the AC adapter's power plug from the power outlet or cigarette lighter socket.
- Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, overheating, or fire.
- Do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, overheating, or fire.

■ au Micro IC Card (LTE)

- au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.
- Do not forcibly remove or insert au Micro IC Card (LTE). Be careful not to exert excessive force when inserting the card into your au cell phone.
- You are responsible for any damage caused by inserting au Micro IC Card (LTE) into some other IC card reader/writer, etc.
- Keep the IC (metal) part of au Micro IC Card (LTE) clean. Wipe the card with a dry, soft cloth (such as for cleaning eyeglasses) for cleaning.
- Do not put stickers, etc. on au Micro IC Card (LTE).
- Do not insert the au Nano IC Card (LTE) with conversion adapter attached. Doing so might cause a fault.

■ microSD reader writer (sample)

- Do not use microSD reader writer (sample) in places subject to lots of dust or vibration.
- Clean the connection terminals of microSD reader writer (sample) with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection. Do not exert a strong force to clean the connection terminals to prevent deformation.
- Clean microSD reader writer (sample) with a soft dry cloth (such as the type used for eyeglasses).
- When microSD reader writer (sample) is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it.
- Do not insert a card other than microSD memory card into the microSD memory card slot of microSD reader writer (sample).
- Do not exert excessive force when attaching/removing a microSD memory card. Doing so might injure your hands or fingers.
- While writing/reading data to/from a microSD memory card, do not subject this product to vibration or impact or turn off the power. Doing so might cause loss of data or a fault.

■ au IC Card opener (sample)

- Do not apply excessive force to insert au IC Card opener (sample). Be careful not to exert excessive force when inserting the card into your au cell phone.
- Do not au IC Card opener (sample) in a different cell phone. Doing so might cause damage.

■ Camera

- When using the camera, follow common rules of etiquette regarding camera use.
- Image data might be altered or lost due to malfunction, repair or mishandling of this product. The Company takes no responsibility for recovery of altered or lost data, damages resulting from altered or lost data, and lost profits.
- When photographing important occasions (such as a wedding), take a trial shot and check the shot image make sure it is correctly shot.
- Do not use the camera for recording commercially available books or information of which photographing is not allowed.
- Do not leave the camera lens exposed to direct sunlight. Imaging elements might be discolored or burnt.

■ Music, videos and TV

- Do not listen to music or watch videos or TV while driving a car or motorbike, or riding a bicycle. Use of cell phones while driving a car or motorbike is prohibited by law. (Use of cell phones while riding a bicycle may also be punishable by law.) In addition, stay alert to the traffic around you even when walking. Surrounding sounds may not be heard clearly, and gazing at the screen might distract your attention causing a traffic accident. Be especially careful at railroad crossings, station platform, and pedestrian crossings.
- Take care not to listen at ear-splitting volume for a long time, as it might affect hearing.
- Be careful of sound leakage from earphones in trains or other places with many people around you.

■ Copyrights and rights of portrait

- You are not allowed to copy, distribute, publish, modify or edit the data you shot, recorded or downloaded using this product without consent of the copyright holder, except for personal use, under the copyright law.
  In addition, do not use or modify portraits or names of other individuals without their consent, as it might infringe on rights of portrait.
  Note that shooting and recording may be restricted at some live performances, shows and exhibitions even for personal use.
- Be careful about the copyright and portrait right when posting still images you shot, etc. on Internet website.

■ Backup content on this product

- Please back up* important content recorded or downloaded to this product to an outside source. Content recorded to memory on this product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

  * How to make backups: Store important data such as phonebook data, music, shot videos or still images on microSD memory cards. You can also send files as mail attachment or transfer to your PC. Note, however, that there are some data that cannot be copied by using these means.

Available Security Codes

This product has various security codes that you can use. The available security codes are as follows. Do not forget the various security codes that are set as they are necessary for various operations and contracts.

● Security code

Example of usage	❶ To do remote operation of voice mail and call forwarding services from a landline phone
	❷ To use Customer Service Center and to do various inquiries, applications, and modifications on the au website
Initial value	A four-digit number chosen by the customer and noted on the application form

● PIN code

Example of usage	To prevent unauthorized use of the au Micro IC Card (LTE) by third parties
Initial value	1234

● Lock No. (NFC/Osaifu-Keitai lock)

Example of usage	To use the "NFC/Osaifu-Keitai lock"
Initial value	1234

Privacy Protected Function

The function shown below is installed in this product to protect the privacy of the saved data.

Function	Description
Screen lock	Set Face Unlock, Pattern, PIN, or Password to secure data when turning on this phone or when unlocking the screen.

PIN Code

■ PIN code

To prevent unauthorized use of the au Micro IC Card (LTE) by a third party, you can set this product to require PIN code entry every time the power is turned on. You also need to enter PIN code when setting whether PIN code entry is required.

If you enter incorrect PIN code three times in a row, the code will be locked. In that case, unlock with PUK code.

- The initial setting of this product does not require PIN. Set PIN in "Lock SIM card" (▶P.31) if necessary.
  Also, PIN is required when setting "Lock SIM card".
- The preinstalled PIN is set to "1234". You can change it to your favorite one of a four- to eight-digit number in "Change SIM PIN" if necessary.

■ PUK code

In case PIN code is locked, you can unlock it by entering PUK code.

- PUK code is an eight-digit number given at the time of purchase, which is printed on the back side of the plastic card on which your au Micro IC Card (LTE) is attached.
- After entering PUK code, you need to set a new PIN code in "Change SIM PIN" (▶P.31).
- If PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPit or Customer Service Center.

memo

- If PIN is locked, this product may restart to protect its security.
- "PIN code" is not reset by initializing this product.

■ Lock SIM card

1. Home screen ▶ "≡" ▶ "System settings" ▶ "General"
2. "Security" ▶ "Set up SIM card lock"
3. "Lock SIM card"
4. Enter a PIN ▶ "OK"

■ Change SIM PIN

1. Home screen ▶ "≡" ▶ "System settings" ▶ "General"
2. "Security" ▶ "Set up SIM card lock"
3. "Change SIM PIN"

Bluetooth®/wireless LAN (Wi-Fi®) function

- The Bluetooth® function and wireless LAN (Wi-Fi®) function of this product conform to the domestic standards of Japan, FCC standards, and EC directives, and has been certified.
- In some countries/regions, use of Bluetooth® function or wireless LAN (Wi-Fi®) function is restricted. If you are using this product overseas, check the relevant laws and regulations of the country/region that you visit.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) or Bluetooth® devices is shared by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference by other devices.
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications. (This product is particularly susceptible to noise when it is used near a microwave oven.)
- Using this product near a appliance such as a TV or a radio might cause reception interference and disrupt TV images.
- Searching might not be conducted properly if multiple wireless LAN (Wi-Fi®) access points near this product or the same channel is being used.
- The wireless LAN function cannot be used in airplane. Be sure to turn off the power even in a wireless LAN (Wi-Fi®) compliant airplane. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices to connect.

2.4GHz Frequency Band Precautions

The Bluetooth® function/wireless LAN (Wi-Fi®) function of this product uses 2.4 GHz frequency band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license for use, such as factory production lines, specific small power wireless stations that do not require licenses, amateur wireless stations (collectively called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

1. Before using this product, make sure that "other wireless stations" are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between this product and "other wireless stations", immediately either relocate this product or stop operation of the device (stop emission of radio waves).
3. If you are unclear on any points or are troubled by anything, contact an au shop or Customer Service Center.

memo

- Connections between this product and all other Bluetooth® and wireless LAN (Wi-Fi®) devices have not been confirmed. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi®) devices are not guaranteed.
- This product supports security features for wireless communications that are compliant with the Bluetooth® and wireless LAN (Wi-Fi®) standard specifications, but the security may not be sufficient depending on the usage environment and configuration. Be careful when making data communication using Bluetooth® or wireless LAN (Wi-Fi®) function.
- Wireless LAN (Wi-Fi®) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. You are recommended to configure security settings before using wireless LAN at your decision and responsibility.
- The Company assumes no responsibility for leakage of data or information that may occur during Bluetooth®/ wireless LAN (Wi-Fi®) communication.
- Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same frequency band, using the both functions at the same time may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either Bluetooth® function or wireless LAN (Wi-Fi®) function.

Both Bluetooth® and wireless LAN (Wi-Fi®) functions of this product use frequency of 2.4 GHz band.

- Bluetooth® function: 2.4FH1
  This product uses the 2.4 GHz band. FH-SS is used as the modulation scheme. The interference distance is about 10 m or less.
- Wireless LAN (Wi-Fi®) function: 2.4DS/OF4
  This product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.
- Bandwidth to use: Full band
  This means that full band can be used, and that bands of mobile unit identification devices can be avoided.
- Available channels differ depending on the country.
- For use in airplane, check with the airline company in advance.

5 GHz Frequency Band Precautions

Wireless LAN (Wi-Fi®) function of this product uses 5 GHz band. Using 5.2 GHz band and 5.3 GHz band outdoors is prohibited by the Radio Law.
The channels used on this product are as follows.

■ HT20
W52 (5.2 GHz band/36, 40, 44, 48 ch)
W53 (5.3 GHz band/52, 56, 60, 64 ch)
W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

■ HT40
W52 (5.2 GHz band/38, 46 ch)
W53 (5.3 GHz band/54, 62 ch)
W56 (5.6 GHz band/102, 110, 118, 126, 134 ch)

■ HT80
W52 (5.2 GHz band/42 ch)
W53 (5.3 GHz band/58 ch)
W56 (5.6 GHz band/106, 122 ch)

IEEE802.11 b/g/n		
IEEE802.11 a/n/ac		
W52	W53	W56

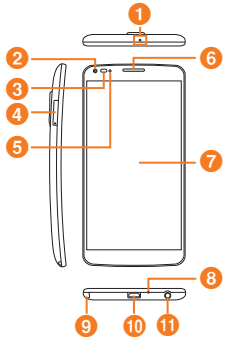
Notes on Packet Communication Charge

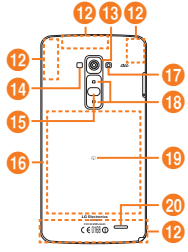
- Since constant Internet connection is possible with this product, packet communication may be performed automatically by some applications, resulting in high packet communication charges.
  Therefore, subscription to a packet communication charge discount service or flat late plan is recommended.
- On this product to browse websites, download applications, communicate using applications, send/receive e-mails, and configure various settings, connection to the Internet is required, to which packet communication charge applies.
  * Packet communication charge does not apply to wireless LAN (Wi-Fi®) connection.

Applications

- Be sure to check the security of the application, then install it at your own risk. Some applications might cause virus infection, damage various data, and send out your location information, usage history or personal information stored in your cell phone via the Internet.
- The Company assumes no responsibility for any operation problems that might be caused by applications you have installed. In such case, you may be charged a repair fee even during the warranty period.
- The Company assumes no responsibility for any disadvantage brought to you or any third party by applications you have installed.
- Depending on applications, microSD memory card is required when using the application.
- Some applications prohibit this product from entering sleep mode while they are active, or rapidly drain the battery while running in the background.
- Operation procedures and screen appearances of the applications preinstalled in this product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operation procedures described in this manual may differ from the actual procedures.

Names and Functions of Parts





1. **Mouthpiece (Microphone for calling by speaker)**
   Turn on the speaker and use it when talking on the phone. Transmits your voice to the other caller. During talking on the phone, do not cover microphone with your fingers, etc.
2. **Sub camera (lens)**
3. **Proximity sensor/brightness sensor**
   Proximity sensor prevents erroneous operations during a call. Brightness sensor detects surrounding brightness and adjusts the display brightness.
4. **au Micro IC Card (LTE) slot**
   Insert au IC Card opener (sample) into tray eject hole (hole part of the slot) to take it out
5. **Notification LED**
6. **Earpiece (Receiver)**
   You can hear the other party's voice during a call and the playback of answering machine, etc.
7. **Display (Touch panel)**
8. **Mouthpiece (Microphone)**
   Transmits your voice to the other caller. Also uses it when recording voice. While talking on the phone or shooting a video, do not cover microphone with your fingers, etc.
9. **TV antenna**
10. **External connection terminal**
    Uses it when connecting with the specified AC adapter (sold separately), microSD reader writer (sample), etc.
11. **Earphone jack**
12. **Built-in antenna**
    Do not cover the built-in antenna with your hands when using it. Also, do not put stickers on the built-in antenna part.
13. **Main camera (lens)**
14. **Infrared port (IrRC)**
    Use it when QRemote is in use. Receiving and sending data is not available via infrared communication.

⓯ Power key
Sets/Cancels sleep mode.
Press and hold power key to switch on/off on manner mode (sets Sound profile) and Airplane mode, turn on/off the power, and restart.

⓰ Built-in battery
The battery is built-in the main unit so that you cannot remove it by yourself.

⓱ Flash

⓲ Volume key (DOWN/UP)
Adjusts volume.

⓳ Mark
Hold it over a reader/writer to exchange data in the NFC data/FeliCa chip.

⓴ Speaker
You can hear the ringtone, alarm, etc.

* Back cover cannot be removed. Do not apply excessive force to remove it. Doing so might cause damage or malfunction.

memo

- The back cover of this product adopts self-repairing techniques that small scratches can get repaired in a short time.
  - "Small scratches" means scratches which are made during ordinary use and difficult to see.
  - Scratches do not get repaired if you drop or throw this product intentionally which results in severe impact on this product.
- Do not twist this product forcibly or leave it with shape changed due to excessive force. Doing so might cause damage of display or function, change or damage in shape.

Using au Micro IC Card (LTE)

au Micro IC Card (LTE) stores your personal information such as a phone number.

<<au Micro IC Card (LTE)>>

IC (metal) part

This product is compatible with au Micro IC Card (LTE) only. You cannot use this product by inserting au IC Card, micro au IC Card or au Nano IC Card (LTE) for au cell phones and smart phones instead.

memo

- Note the following points, which may cause malfunction or damage, when handling au Micro IC Card (LTE).
  - Do not touch the IC (metal) part of au Micro IC Card (LTE) or the IC card terminal inside this product main unit.
  - Insert au Micro IC Card (LTE) in the correct orientation.
  - Do not attach or remove forcibly.
- Do not lose au Micro IC Card (LTE) after removing.

■ When au Micro IC Card (LTE) is not inserted

You cannot use this product with any cards other than au Micro IC Card (LTE).

If you turn on this product with no au Micro IC Card (LTE) inserted or with any cards other than au Micro IC Card (LTE) inserted, is displayed on the status bar and the following operations are not available.

- Make a call*/receive a call
- 3G/LTE data communication
- Receiving/sending and initializing settings of e-mail (@ezweb.ne.jp)
- Receiving/sending SMS
- Confirm your own phone number
- Set up SIM card lock

* Emergency calls to 110 (Police), 119 (Fire department or ambulance service), 118 (Japan Coast Guard Headquarters), and 157 (Customer Service Center) are also not available.

Besides the above, some functions requiring your phone number might not be available.

■ Restriction settings with PIN

You can set to restrict the use of this product by others through changing PIN code or locking UIM card in order to protect your important private information while you are using au Micro IC Card (LTE). (▶P.31 "PIN Code")

Attaching/Removing au Micro IC Card (LTE)

Before attaching/removing au Micro IC Card (LTE), turn off this product.

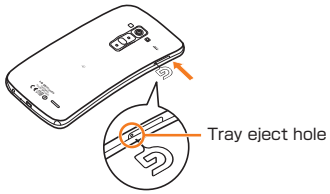
Attaching au Micro IC Card (LTE)

Before attaching au Micro IC Card (LTE), turn off this product.

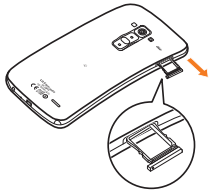
Make sure to pull out or insert the tray with this product facing down to prevent au Micro IC Card (LTE) from falling down or getting lost.

1 Insert the tip part of au IC Card opener (sample) into tray eject hole

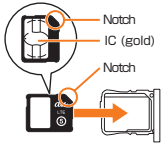
- A small portion of the tray comes out.



2 Pull out the tray

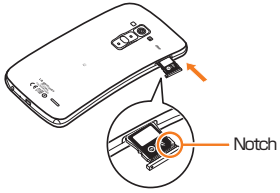


3 Place au Micro IC Card (LTE) in the tray with its IC (metal) side facing down



4 Insert the tray in au Micro IC Card (LTE) slot in the direction as shown below

- Note the direction of the notch.

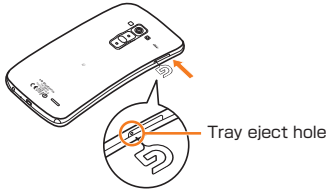


Removing au Micro IC Card (LTE)

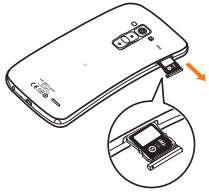
Before removing au Micro IC Card (LTE), turn off this product.
Make sure to pull out or insert the tray with this product facing down to prevent au Micro IC Card (LTE) from falling down or getting lost.

1 Insert the tip part of au IC Card opener (sample) into tray eject hole

- A small portion of the tray comes out.



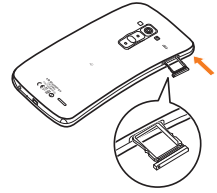
2 Pull out the tray



- au Micro IC Card (LTE) may fall if the tray is turned upside down.

3 Remove au Micro IC Card (LTE) from the tray

4 Insert the tray in au Micro IC Card (LTE) slot in the direction as shown below



Charging

When you purchase your cell phone, the built-in battery is not fully charged. Charge the built-in battery when you use it for the first time or when the battery is not low.
Usage time available is shown as below.

Continuous standby time*	Approx. 670 hours (when using LTE) Approx. 690 hours (when using 3G)
Continuous calling time*	Approx. 1260 minutes

* Time for using in Japan.
It may differ depending on the environment or the built-in battery condition.

memo

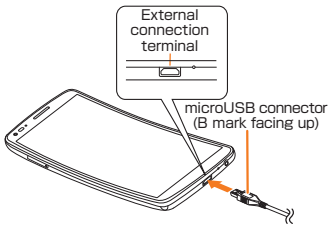
- While charging, this product and its built-in battery might become hot. It is not abnormal. (When activating camera or communicating data while charging, the built-in battery becomes hot.)
- It may take longer to charge the built-in battery when you use camera function, etc. while charging the battery.
- Operating with the specified charging equipment (sold separately) being connected might cause short-time charge/discharge repeatedly. Life of the built-in battery becomes shorter when you repeatedly charge it frequently.

Charging with the Specified AC Adapter (Sold Separately)

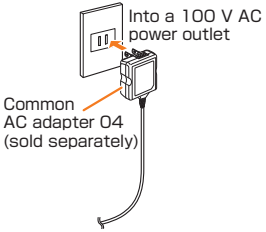
Here it describes how to charge by using the common AC adapter 04 (sold separately).
For details on the specified AC adapter (sold separately), refer to "Introduction of Related Accessories" (▶P.65).
Charging time is approximately 130 minutes.

1 Insert the microUSB connector of the common AC adapter 04 (sold separately) straight into the external connection terminal of this product

- Insert the microUSB cable straight with the "B" mark facing up.



2 Insert the power plug of the common AC adapter 04 (sold separately) into a 100 V AC power outlet



On the status bar of the screen top (▶P.49), is displayed to show that charging is starting. When the charging is finished, is displayed on the status bar.

3 When charging is completed, remove the microUSB connector of common AC adapter 04 (sold separately) straight from the external connection terminal of this product

4 Remove the power plug of the common AC adapter 04 (sold separately) from power outlet

memo

When is not displayed

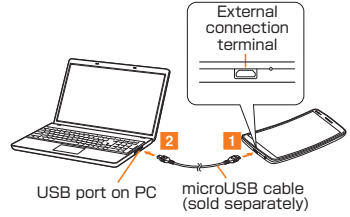
- Wait until is displayed on the status bar of the top screen. Bad connection is assumed if it does not appear after a while. Check if the common AC adapter 04 (sold separately) is securely connected. If it still does not appear, stop charging and contact an au shop or the Secure cell phone support center.

Charging with a PC

1 Insert the microUSB connector of the microUSB cable (sold separately) directly into the external connection terminal of this product

- Insert the microUSB cable straight with the "B" mark facing up.

2 Insert the USB connector of the microUSB cable (sold separately) directly into the USB port of the PC



memo

- Although charging with the power of this product on is available, it takes longer.
- It may take longer to charge with USB than the specified AC adapter (sold separately).
- When it is charging, if "Start new hardware search wizard" window appears, select "Cancel".

Turning the Power On/Off

Turning Your Phone On

1 Power key (press and hold for more than two seconds)

Unlock screen is displayed.
Swipe the screen to unlock.

memo

- After turning on the power, do not touch the screen until "au" logo is displayed. Initial settings of touch panel will be set. Touch panel may operate improperly.

Turning Your Phone Off

1 Power key (press and hold for more than two seconds)

Phone options screen is displayed.

2 "Power off" ▶ "OK"

Power Off Forcibly

This product has a built-in battery, which cannot be removed. Perform the following procedures to forcibly turn the power off when symptoms such as "the screen is frozen" appears.

1 Power key (press and hold for more than 10 seconds)

The power is turned off forcibly.

memo

- Operations become available when connecting with the common AC adapter 04 (sold separately) (▶P.41).

Restarting

1 ▭ Power key (press and hold for more than two seconds)

Phone options screen is displayed.

2 "Power off and restart" ▶ "OK"

memo

- Press ▭ power key for more than eight seconds to restart this product.

Sleep mode

Press ▭ power key or leave it till the screen turns off to move to sleep mode. Cancel sleep mode by the operations below.

1 During sleep mode, ▭ power key

Sleep mode is canceled, unlock screen is displayed.

memo

- Do not touch the screen when it is displayed after pressing ▭ power key during sleep mode. Touch panel may operate improperly.

Initial Settings

When you turn on this product for the first time, the initial setting screen appears automatically.
Follow the onscreen instructions to set each function.

- Procedures may differ depending on the network connection or the settings skipped.
- Tap "Skip", "Not now", etc. to skip the setting of the current item.

1 ▭ Power key (press and hold for more than two seconds)

The power is turned on.

2 Select a language, then "Next"

3 Select Internet connection, then "Next"

4 In Google Account settings, "▶"

- Add a Google Account screen is displayed. For the detailed information of Google Account setup, refer to "Setting Guide".
- For details on how to input characters, refer to "Setting Guide".

5 Set front touch buttons, then "Next"

6 On "Explore something new" screen, "Done"

7 Set "au Easy Setting" if necessary

Setting Google Account

After Google Account is set up, online service provided by Google are available.
Google Account setup screen appears such as when launching a software that requires a Google Account for the first time.
For details on the initial settings, refer to "Setting Guide".

memo

- Although you can use this product without setting Google account, you cannot use Google services such as Google Hangouts, Gmail, and Google Play.
- To sign into a Google account, you must have a Google account and a password.

Setting au ID

When you have created an au ID, you can use various au services including "au Simple Payment Service" which offers you a simple way to purchase applications from au スマートパス(au Smart Pass), Google Play.
Tap the application list on main menu ▶ "Settings/Support" ▶ "au ID Setting" to display au ID setting screen.
For details on the initial settings, refer to "Setting Guide".

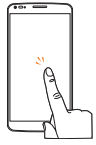
Using Touch Panel

The display on this product is a touch panel operated by touching it with your finger.

- The touch panel is designed to be lightly touched by fingers. Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens, and pins) on the touch panel.
- In the following cases, the touch panel may not work even if you touch it. It may cause malfunction.
  - Operation with gloved hands
  - Operation with fingernails
  - Operation with a foreign object placed on the touch panel
  - Operation with a protective sheet or sticker on the touch panel
  - Operation with water drops left or frozen on the surface
  - Operation with wet or sweaty fingers

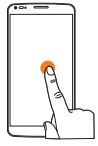
■ Tap/Double Tap

Gently touch a screen and immediately release your finger. Tap the same place twice in a row.



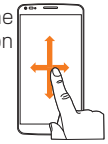
■ Touch and hold

Keep touching an item with your finger.



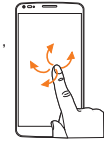
■ Slide

While your finger is gently touching the screen, trace it to the desired direction to move over to show the hidden contents.



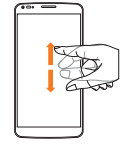
■ Flick (Swipe)

Operate on the screen by quickly moving (flicking) your finger up, down, right, or left.



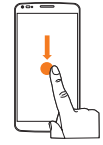
■ Pinch

Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers' distance.



■ Drag

Keep touching the screen and trace to the desired position.



Using Home Screen

Viewing Home Screen

The home screen is configured of multiple desktops.
You can add shortcuts, widgets and folders after adding a desktop.

1. Status bar
2. Quick search box
3. Shortcuts/Widgets/Folders
4. Quick menu
5. Desktop
6. Apps
   Main menu is open and the application list is displayed.
7. Front touch buttons

   Back key
   Returns to the previous screen.

   Home key
   Displays Home screen.

   Menu key
   Displays option menu.

memo

- You can either swipe upwards from the front touch button's icon range and drag it to to search Google, or drag it to to start QMemo.

Using Home Screen

Changing Desktop

The home screen is configured of multiple desktops that can be switched by sliding/flicking to left or right.

- The indicator shows the current position is displayed on the bottom of the screen.

Starting an Application

1 Home screen ▶ "Apps"

2 Tap an icon

The application you tapped starts.
Tap a folder to display the icons stored in it.

memo

- When you tap an icon to use its functions, communication fee may be charged depending on the function.

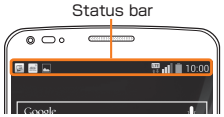
Main Applications

The preinstalled applications are shown as below.

Icon	Application	Overview
	Friends Note	Friends Note is a safe and convenient address book. Friends Note can back up address book to the server and can transfer address book from au mobile phone. In addition, Friends Note can manage friends contacts in the address book from SNSs such as Facebook and Twitter.
	auスマートパス (au Smart Pass)	Get whatever application you want for only 372 yen (tax excluded) per month! Also coupons, presents, photo storage and security apps are available. Please enjoy your safety and comfortable smartphone life.
	LISMO	With LISMO application, you can enjoy music, find hot music information, try and purchase songs.
	au Wi-Fi接続ツール (au Wi-Fi connection tool)	You can easily set up Wi-Fi® connection with the private access points such as "HOME SPOT CUBE." You can also automatically connect to the public au's Wi-Fi spots.
	リモートサポート (Remote Support)	Call for technical supports on the phone operations by sharing the screen that you are watching with au operators.
	3LM	Search/lock this product by remote operations in case of losing this product.
	Facebook	Facebook is a free communication application enables you to check out recent status of your friends, share photos and send messages to your friends.

Viewing State of This Product

Viewing Icons



Notification icons such as a missed call, a new mail, or other operations in use are displayed on the left side of status bar. On the right side, status icons showing the state of this product are displayed.
Also slide the status bar downwards to display the notification panel.

■ Major notification icons

Icon	Overview
	Missed call
	New mail message (e-mail)
	New mail message (PC mail)
	New Gmail message (Gmail)
	New SMS message
	Stop alarm and snooze • Snooze is displayed if you turn off alarm without stopping it.
	Upcoming calendar event
/	Activating 1 seg/Full seg
	Playing a track
	Receiving a call
	Available memory on the terminal is low
	USB is connected
	Upload data, send file • The icon is displayed in animation during sending files.
	Downloading data or application, download complete, installing, receiving files, file receiving completed, file receiving failed • The icon is displayed in animation during installing applications or receiving files.
	Available updates
	Installation on Google Play is complete, or update is available
	VPN being connected

Icon	Overview
	Major update (OS update) is available
	Consolidated icons • Consolidated icons can be confirmed on the notification panel.
	During Wi-Fi® tethering
	During Bluetooth® tethering

■ Major status icons

Icon	Overview
15:00	Time
	Alarm is set up
	Battery level Adequate / Need to charge Charging • The icon when charging except at "adequate" level is an animation display.
	Airplane mode
	Signal reception (signal reception area) Level 4/ Out of service
	LTE data communication status
	3G data communication status
	CDMA 1X data communication status
	Roaming
あ AB 12 ｶﾅ A 1 カ	Character type あ Hiragana-Kanji/ AB Half-width Alphabet/ 12 Half-width Numeric/ ｶﾅ Half-width Katakana/ A Full-width Alphabet/ 1 Full-width Numeric/ カ Full-width Katakana
	Vibrate only
	Silent
	Signal reception of Wi-Fi® Level 4/ Level 0
	Using Bluetooth® Standby/ Connecting

Icon	Overview
	GPS in use • The icon when acquiring GPS information is an animation display.
	Synchronizing data
	Earphone with Microphone is being inserted
	Earphone is being inserted

Notification Panel

When a notification icon appears on the status bar, slide the status bar down to open the notification panel to check the notification or launch the application.

1 Slide the status bar downwards

1. **Date and time**
   Date and time are displayed.
2. **Quick Settings**
   Tap QMemo, sound profile, GPS, Wi-Fi®, etc. to activate or change settings.
   - Tap "LTE" to enable/disable LTE data communication.
3. **Q Slide Application**
   Enables multitasking of applications.
4. **Display brightness**
5. **Volume**
6. **Setting**
   The system setting screen is displayed.
7. **Clear**
   Clear notification information and notification icons. Some notifications might not be cleared depending on their contents.
8. **Notification information**
   Details on the notification information are displayed.
9. **Close bar**
   Slide it upward to close the notification panel.

LED Notification

LED notification informs charging prompt, battery level while charging, missed calls, mail arrival, etc. by lighting on or flashing.

■ Front LED

LED color and light/flash	Description
Flashing red	Indicates that it is during charging and it is voice recording in sleep mode.
Flashing green	Indicates that there is an incoming call, missed call or unread e-mail registered on PC mail account.
Lighting green	Indicates that charging is complete.
Flashing rainbow	Indicates that an alarm is sounding.
Flashing light blue	Indicates that there is a calendar notification.
Flashing blue	Indicates NFC/Osaifu-Keitai® is in use.

* Notification by lighting/flashing LED in sleep mode. For notifications of incoming calls or mails, it is lit or flashed regardless of sleep mode.
* The color of the flashing LED which indicates an incoming e-mail (@ezweb.ne.jp) can be selected from "red, green, blue, yellow, or purple".
* Place a check mark in "Downloaded apps" to display LED notification from the downloaded application. LED notification color differs depending on the download applications. LED notification is not displayed from download application if you remove the mark. (▶P.64 "Notification LED")

Capturing Screenshots

The displayed screen can be saved as an image.

1 Press ⬭ power key and ⬭ volume key (DOWN) for more than one second at the same time

To view the captured screenshot, Home screen ▶ "Apps" ▶ "Basic" ▶ "Gallery" ▶ "Screenshots".

Using QMemo Function

The application can make memos simply.
You can use it freely like a piece of paper. The important information on the captured screenshot can be highlighted.

1 Open the notification panel and tap "QMemo"

2 Write the memo

The following information will appear at the top of the screen or at the four corners.

- : Use other functions with the memo remaining on the screen.
- : Display/hide background screen, and select a theme.
- / : To undo or redo.
- : Select the pen type and color.
- : Use eraser. Tap "Clear all" to delete the entire written memo.
- : Send the memo you created by Bluetooth®, e-mail, etc.
- : Save a written memo.
- : Tap to display/hide tool bar.
- : Lock or unlock front touch buttons.

3 "" ▶ Select a save destination

Save the written memo.
The following selections are displayed as the save destination.

- Notebook
- Gallery

memo

- You can also swipe upwards from the front touch button's icon range, then drag to "" to start QMemo.
- Operate by touching with your finger gently. It might not work when using a touch pen you purchase in a store.

Character Input

Use the software keyboard to enter characters.
To display the software keyboard, tap a character input box in the character input screen when adding contacts, creating a message, etc.

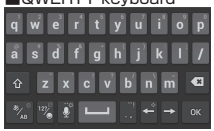
Switching Software Keyboard

1 Character input screen ▶ Touch and hold "⬆"
For quick search box, touch and hold "⌨"/"▦".

2 "⌨"/"▦"

■1Okey keyboard

■QWERTY keyboard



memo

- "LG Japanese keyboard" is initially installed as an input software.
- To set ringtone and vibration for key operations on LG Japanese keyboard, character input screen ▶ Touch and hold "⬆" ▶ "⚙" ▶ "Keyboard Settings".

Entering Text

Entering Text on the 1Okey Keyboard

Flick up/down/left/right to enter the desired character.

Entering Text on the QWERTY Keyboard

Tap the key of your desired character to enter. Romaji input is applied for "Hiragana-Kanji" mode.

Viewing Character Entry Screen

Character input screen (10key keyboard)

Character input screen (QWERTY keyboard)

* Displaying the keyboard for Hiragana-Kanji input mode.

1. Character input field
2. Normal conversion candidate list/Predictive conversion candidate list
3. Voice typing key/Reverse key
4. Cursor key
5. Number/Symbol/Emoticon key, Alphameric character/Kana key
6. Input Mode key
   Switches Input Mode.
7. Bracket key, Upper/Lower case/sonant/p-sound key
8. Software keyboard
   Inputs the characters of each key.
9. Delete key
   Deletes the selected character or characters on the left side of cursor.
10. Conversion key/Space key
    Displays the normal conversion candidate list when entering hiragana. Enters a space at the cursor position.
11. Execution key/Return key
    Confirm the characters input. Inserts a line feed at the cursor position.
12. Shift key

Switching Character Entry Mode

1. Character input screen ▶ Touch and hold "⇧" ▶ "⚙" ▶ "Input Mode"
2. Select an input mode

Making Calls

1 Home screen ▶ "Phone"

Phone number entry screen is displayed.

❶ Screen switching tab ❷ Phone number entry field
❸ Number key ❹ SMS key
❺ Delete key ❻ Call key

2 Enter a phone number

When calling to a fixed-line phone, you also need to enter the area code.

3 "📞"

Dialing screen is displayed. Press volume key (DOWN/UP) during a call to adjust calling volume (the other party's voice volume).

4 "End"

When "Save unknown numbers" in "Call" is enabled, after you finish a call of which the number is not registered on Contacts, a confirmation screen appears asking if you want to register the number on Contacts. This function is disabled by default.

memo

- If you cover (excluding when speaker is turned on, etc.) proximity sensor during sending a call or answering a call, screen blacks out.
- If you make a call by dialing a number with "1401" at the beginning, communication fee will be charged from your au prepaid card.
- Note that the other party can hear your voice even if you cover the mouthpiece.
- An emergency call to 110, 119 or 118 is available even when it is set to "Airplane mode". Also, "Airplane mode" is turned off automatically when making an emergency call to 110, 119 or 118.

Using Call Log to Make a Call

1 Home screen ▶ "Phone"

2 "Call logs"

3 Tap "📞" on the contact you want to call

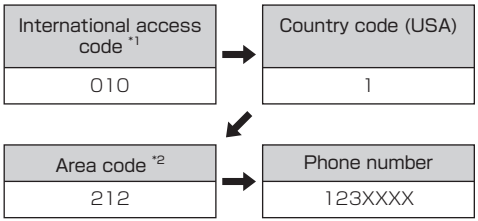
Making an International Call (au International Call Service)

You can make international calls without any special procedure from this product.

Example: To call 212-123-XXXX in the USA from this product

1 On Phone number entry screen, enter an international access code, a country code, an area code and a phone number ▶ "📞"

On Phone number entry screen ▶ "☰" ▶ Select a country from "Country code" to make an international call.



*1 Touch and hold "0" to enter "+", "010" is added automatically while dialing.

*2 If the area code begins with "0", omit "0". (There are some exceptions such as fixed-line phones in Italy and Moscow.)

memo

- The au international call services sets monthly usage limit amounts. From the point in time that au has checked that the usage limit amounts have been exceeded until the last day of the same month, the au international call services cannot be used.
- Even if the service is suspended due to exceeding usage limit amounts, the service resumes from the first day of the following month. In addition, even if international calling is suspended, domestic calling can be used as always.
- International call charges are billed together with monthly local call charges.
- If you do not use au international call service, do not apply to this service when subscribing. For more information on au International call service, dial either of the following numbers:
  - From au cell phones (area code not required) **157** (toll-free)
  - From fixed-line phones **0077-7-111** (toll-free)
  - Open 9:00 to 20:00 everyday

Emergency Call Location Notification

If you use this product to make an emergency call to the Police, Fire department or ambulance service or Regional Coast Guard Headquarters, your current location (GPS information) will be transmitted to the agency receiving the emergency call.

memo

- In this section, the Police (110), Fire department or ambulance service (119) and Regional Coast Guard Headquarters (118) are collectively referred to as the emergency call receiving agency.
- This feature may not yet be available at some emergency call receiving agencies.
- If you add "184" before the emergency call number 110, 119 or 118, the emergency call receiving agency will not be notified of your location and phone number.
- In places where signal reception from GPS satellites or a base station is relatively poor, such as in an underground mall, inside a building or behind a tall building, the emergency call receiving agency may be notified of some other place different from your actual location.
- When GPS cannot be used to notify of your location, base station signal is used instead.
- When making an emergency call to the Police, Fire department or ambulance service or Regional Coast Guard Headquarters, always confirm where you are, and tell them your exact location on the phone. Note that depending on the area where you are calling, your call may not be connected to the agency having jurisdiction over that area.
- If the emergency call receiving agency determines that human lives and health are in danger, they will be able to acquire the caller's location information during the call or within a certain period of time after the call.

Receiving Calls

1 **Slide (swipe) "" while an incoming call is ringing**

When an incoming call rings with background light on (excluding when unlock screen is displayed), tap "Answer".

2 **Answer the call ▶ "End"**

When "Save unknown numbers" in "Call" is enabled, after you finish a call of which the number is not registered on Contacts, a confirmation screen appears asking if you want to register the number on Contacts. This function is disabled by default.

■ When an incoming call arrives

The following items are displayed.

- If a number is notified by the other party, the number will be displayed on the screen. If the number and name are registered on Contacts, information of name, etc. are also displayed.
- If a number is not notified by the other party, the reason will be displayed on the screen.

"ID unsent", "Pay phone", "Not support"*

* When the other party is calling using a phone that cannot notify phone number.

memo

- If you have not subscribed to LTE NET or LTE NET for DATA, turn off "Mobile data" (▶P.63) before using it.

To mute ringtone during an incoming call

- While an incoming call rings, press power key or volume key (DOWN/UP) to mute ringtone or stop vibration.

When an incoming call arrives while using other functions

- When an incoming call arrives while using Contacts, mail, etc., an incoming call is prioritized. After ending the call, continue to use the function you were using.
- If you are using voice recorder, recording is stopped and the data is saved when you answer the call.

Checking Your Phone Number

1 Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Status"

Status screen appears and your phone number is shown in My phone number field.

Using microSD Memory Card

You can save/transfer/copy data by inserting a microSD reader writer (sample) with a microSD memory card (including microSDHC memory cards and microSDXC memory cards) attached in this product. Also, you can back up your Contacts, e-mails, etc. to microSD memory card.

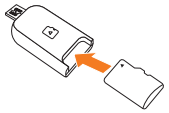
- Do not turn off this product or subject it to impact while microSD memory card data is being accessed. Doing so creates the risk of data corruption.
- This product is compatible with microSD/microSDHC/microSDXC memory cards. For information of compatible microSD/microSDHC/microSDXC memory cards, please inquire with the respective microSD memory card distributor or visit au website.

memo

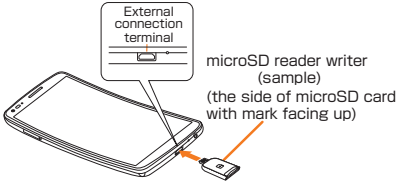
- Depending on applications, microSD memory card is required when using the application.
- A microSD memory card initialized with other devices may not work properly on this product. Initialize the microSD memory card with this product by performing the following procedures.
  Home screen ▶ "☰" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Erase USB storage" ▶ "Erase USB storage" ▶ "Erase everything"
- This product may not be able to playback the data moved/copied to microSD memory card from PC, etc. depending on the data protected by copyrights.

Installing microSD Memory Card

1 Check the insertion direction of the microSD memory card, and slowly insert into the microSD reader writer (sample) card straight



2 Insert microSD reader writer (sample) into the external connection terminal of this terminal



memo

- Make sure that the top bottom and the front back of the microSD memory card are facing correctly.
  Trying to force a wrongly oriented card into the slot could make it impossible to remove the card and result in damage.

Removing microSD Memory Card

1 Home screen "≡" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Unmount USB storage"

2 Remove microSD reader writer (sample) from this terminal

3 Pull out the microSD memory card
Gently and straightly pull it out.

memo

- Do not touch connector part of microSD memory card.
- Do not apply excessive force to pull microSD memory card. Doing so might cause malfunction or data loss.
- Applications installed in microSD memory card are not available to use without microSD memory card inserted.
- microSD memory card might become warm after using a long time. It is not malfunction.
- The procedure to remount a microSD memory card which has been unmounted is, Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Mount USB storage".

Viewing Setting Menu

1 Home screen ▶ "☰" ▶ "System settings"

■ Networks

Wi-Fi	Make wireless LAN (Wi-Fi®) settings.
Bluetooth	Make Bluetooth® settings.
Mobile data	Make settings for mobile data communication and confirm the communication volume.
Call	Set network services such as Voicemail, Call forwarding, etc.
Share & connect	Make settings related to NFC or data sharing.
Tethering & networks	Make communication settings such as Airplane mode and Mobile networks.

■ Sound

Sound profile	Make settings so as not to disturb those around you in public places.
Volumes	Set volume for ringtone, music, video playback, etc.
Vibrate strength	Set the vibration intensity.
Quiet mode	Set the time to turn the sound off, except for alarm and media.
Phone ringtone	Select and register the data setting for the ringtone for incoming voice calls.
Smart ringtone	Set whether to automatically raise the ringtone volume in noisy places.
Incoming call vibration	Set the vibration pattern for incoming voice calls. You can also add vibration patterns.
Gentle vibration	Set whether to gradually increase the vibration intensity to the current setting.
Ringtone with vibration	Set whether to vibrate for incoming calls.
Voice notifications	Set whether to read out the caller's information for incoming voice calls.
Notification sound	Select and register the data setting for notification sound.
Touch feedback & system	Set whether to play sounds for "Dial pad touch tones", "Touch sounds" and "Screen lock sound".

■ Display

Home screen	Set theme and wallpaper.
Lock screen	Make settings related to screen lock.
Front touch buttons	Select the layout of front touch buttons, and set the background theme and whether to use a transparent background.
Brightness	Set the display brightness. Mark "Auto" to automatically adjust the display brightness according to the surrounding brightness.
Screen timeout	Set the lighting time of the backlight.
Screen-off effect	Set effect when the display is off.
Auto-rotate screen	Set whether to automatically switch between vertical and horizontal display directions according to the product direction.
Screen mode	Set screen contrast.
Daydream	Make settings for Daydream. Tap "Start now" to turn on Daydream. Tap "Startup settings" to set when to turn on Daydream.
Font type	Set a font to be displayed on the screen. Tap "Add fonts" to download fonts from SmartWorld.

Font size	Select from "Minimum," "Small," "Medium," "Large," "Very large," and "Maximum".
Smart screen	Set whether to turn on the backlight while you are looking at the display.
Smart video	Set whether to pause a movie on auto play by detecting that the viewer is not watching the screen.
Notification LED	Set whether to use LED notification to notify missed calls, alarm sounding, etc.
Auto-adjust screen tone	Set whether to analyze image color and adjust screen brightness automatically to save battery.
Screen capture area	Set whether to capture screen with front touch buttons and status bar.
Aspect ratio correction	Set whether to adjust the display of downloaded application to the screen resolution, for each application.

■ General

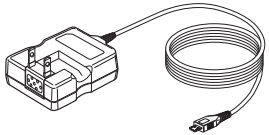
Gestures	Make settings related to gestures.
One-handed operation	When the "Dial pad", "LG keyboard" or "Lock screen" is displayed, set whether to display the right/ left button to move the pad or keyboard position. Place a check mark in "Gesture control" to move LG keyboard position by swiping. Place a check mark in "Swipe front touch buttons" to set the position of front touch buttons by swiping to left or right.
Storage	Make settings for connection with external devices.
Battery	Make settings related to the battery such as display battery information. Set to control the use of various functions when the battery level is low, etc.
Apps	Make applications settings. Also manage the installed applications.
Multitasking	Make settings of slide window and dual window.
Accounts & sync	Make basic settings for managing online service accounts or synchronizing data.
Cloud	Register a cloud account.
Guest mode	Display a pre-selected application on its home screen.
Location access	Make settings for location information such as setting GPS function to ON/OFF.
Security	Make settings for locking au Micro IC Card (LTE) and downloading application.
Language & input	Set the display language and make character entry settings.
Backup & reset	Perform Backup and restore of data and its initialization.
Date & time	Make display format settings for date and time.
Accessibility	Set call end operation and user accessibility service.
PC connection	Make settings for connection with external devices.
Accessory	Make settings on operations when accessories such as earphones are connected with.
About phone	Confirm information such as phone number, signal reception, etc. Update software.

Introduction of Related Accessories

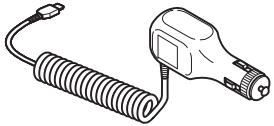
■ AC Adapter (sold separately)

- Common AC adapter 03 (0301PQA)
- Common AC adapter 03 Navy (0301PBA)
- Common AC adapter 03 Green (0301PGA)
- Common AC adapter 03 Pink (0301PPA)
- Common AC adapter 03 Blue (0301PLA)
- AC Adapter JUPITRIS White (L02P001W)
- AC Adapter JUPITRIS Red (L02P001R)
- AC Adapter JUPITRIS Blue (L02P001L)
- AC Adapter JUPITRIS Pink (L02P001P)
- AC Adapter JUPITRIS Champagne Gold (L02P001N)

■ Common AC Adapter 04 (0401PWA) (sold separately)



■ Common DC Adapter 03 (0301PEA) (sold separately)



■ microUSB Cable (sold separately)

- microUSB cable 01 (0301HVA)
- microUSB cable 01 Navy (0301HBA)
- microUSB cable 01 Green (0301HGA)
- microUSB cable 01 Pink (0301HPA)
- microUSB cable 01 Blue (0301HLA)

■ Portable Charger 02 (0301PFA) (sold separately)

■ au Carrying Case G Black (0106FCA) (sold separately)

memo

- For the latest information about available accessories, check au website (http://www.au.kddi.com/) or contact Customer Service Center.
- This product does not support ASYNC/Fax transmission.
- You can purchase accessories on this page from au online shop.
  http://auonlineshop.kddi.com/

Troubleshooting

Before you assume that this product is malfunctioning, check the following:

Symptom	Check item	Page
Cannot turn on power.	Is the built-in battery charged?	P.41
	Do you press and hold ⏻ power key?	P.43
Cannot charge the battery.	Is the AC adapter securely plugged into an outlet?	P.41
Battery usage time is short.	Do you use this product more in the places without signal reception (out of service)?	-
	Is the built-in battery running out?	P.27
Cannot operate touch panel as intended.	Are you operating with gloved hands?	P.46
	Make sure you are not operating with your finger tip or there is no foreign object in the middle of the panel.	P.46
Cannot operate the keys/touch panel.	Is the screen lock set?	-
	Turn off the power and turn it on again.	P.43
Screen response is slow when you tap on the screen/ press the keys.	Screen response may slow down when a large amount of data is stored in this product being transmitted between this product and a microSD memory card.	-
"No SIM card" is displayed.	Is an au Micro IC Card (LTE) inserted?	P.38
Cannot make calls.	Is an au Micro IC Card (LTE) inserted?	P.38
	Did you enter the wrong phone number? (Did you enter the phone number starting with an area code?)	P.57
	Is "Airplane mode" set?	P.63
	Is "Network mode" wrong?	-
Cannot receive calls.	Is reception good enough?	P.51
	Are you out of service area?	P.51
	Is "Airplane mode" set?	P.63
	Is "Network mode" wrong?	-
	Is Call forwarding service set?	P.63
Display is dark.	Is "Brightness" set to dark?	P.63
Cannot hear the other party.	Is the earpiece volume too low?	P.57
	Do you bring earpiece close to your ear? Put the earpiece close to your ear hold.	P.36
Cannot use Osaifu-Keitai®.	Has the battery run out?	P.41
	Is "NFC/Osaifu-Keitai lock" set?	-
	Do you hold this product so that the mark area is placed over the reader?	P.36
Cannot recognize a microSD memory card.	Is a microSD memory card inserted properly?	P.61
	Is the USB storage unmounted?	P.62

If the symptom does not improve after checking the above items, contact the below au website or au customer support.
http://www.au.kddi.com/support/mobile/trouble/repair

Updating Software

Notes on Software Update

- You are charged for data communication when connecting to the Internet from this product by using packet communication.
- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (**157**/call toll-free). In addition, users of this product will receive a notice from au, when software update is necessary to improve the functionality of this product.
- Make sure to charge your phone before software update. If battery is not enough, software update may fail.
- Check out the signal reception. Software update may fail if you are at a place with bad signal reception.
- Data registered on this product (contacts, mail, photos, music, etc.) and setting information will not be changed even after software is updated.
  However, note that data might not be protected depending on the state of this product (malfunction, damage, getting wet, etc.).
  It is recommended to back up your data before updating software.
- If software update has failed or stopped, update the software again.
- Not available to use during international roaming.

Do not conduct the following operations during software update.

- Do not move this product during software update.

The following operations are not available during software update

- Operations are not available during software update. Calls to 110 (Police), 119 (Fire department or ambulance service), 118 (Japan Coast Guard Headquarters) and 157 (Customer Service Center) are also not available.
  Also, alarm, etc. cannot be used.

When software update is not available, etc.

- If you fail to update software, it may become impossible to operate this product. In that case, bring this product to an au shop or PiPit (not accepted by some shops).

Downloading and Updating Software

1 Home screen ▶ "☰" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Update Center" ▶ "Software Update" ▶ "Check now for update"

Check if there is new software.
Software update screen is displayed when software update is available.

2 Select a communication method to download

Select a communication method to download software.

3 "Download"

A new software download starts.

4 "Install now"

Software update starts.
This product will restart a couple of times during the software update.

5 "OK"

After-sales Service

■ When asking for repair

For repair, contact Secure cell phone support center.

During the warranty period	Repairs will be done based on the terms of services of the free-of-charge repair warranty described on the warranty card.
Outside the warranty period	We shall repair this product for a charge as requested by the customer if repair renders it usable.

memo

- Before handing in this product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
- Recycled parts that meet the Company's quality standards are sometimes used for repair.
- Collected au cell phones by Replacement cell phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also replaced parts by au after-sales service are collected and recycled by KDDI. They are not returned to customers.

■ Performance parts for repair
The Company retains performance parts for repair of this product main unit and its peripherals for 4 years after discontinuation of production. "Performance parts for repair" refers to parts required for maintaining the functions of this product.

■ Warranty card
At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

■ Secure cell phone support plus LTE
An after-sales service membership program on a monthly basis called "Secure cell phone support plus LTE" (monthly fee: 380 yen, tax excluded) is available for using your au cell phone for a long time without worries. This service expands coverage for many troubles including malfunction, theft and loss. For details of this service, refer to au homepage or contact Secure cell phone support center.

memo

- You can apply for membership only at the time of purchasing your au cell phone.
- Once you cancel the membership, you cannot re-apply for it until you purchase an au cell phone next time.
- Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.
- When an au cell phone is handed over to you or someone else, the Secure cell phone support plus LTE membership is also handed over to the successor of the cell phone.
- When you get a new au cell phone by changing the model or purchasing an extra cell phone, the "Secure cell phone support plus" or "Secure cell phone support plus LTE" membership for the old au cell phone is automatically canceled.
- Service contents are subject to change without notice.

■ au Micro IC Card (LTE)

au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.

■ After-sales Service

If you are unsure about anything regarding after-sales service, contact the following service contact.

Customer Service Center (for service canceling procedure or operation in case of loss or theft)

From a land-line phone,
0077-7-113 (toll free)
From an au cell phone,
113 without an area code (toll free)

Secure cell phone support center (for loss, theft, damage)

From a land-line phone/From an au cell phone,
0120-925-919 (toll free)
Business hours 9:00－21:00 (7 days a week)

■ au after-sales service information

Service Contents			Secure cell phone support plus	
			Member	Non-member
Replacement cell phone delivery service	Spontaneous failure	1st year	Free	N/A
		2nd year or later	Customer charge 1st time: 5,000 yen 2nd time: 8,000 yen	
	Partial damage, water stained, irreparable damage, theft, or loss			
Holding over and repair	Spontaneous failure	1st year	Free	Free
		2nd year or later	Free (3-year warranty)	Actual cost
	Partial damage		Customer charge Upper limit: 5,000 yen	
	Water stained, irreparable damage		10,000 yen	
	Theft, loss		N/A	N/A (model change)

* Charge amounts are all tax excluded.

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Replacement cell phone delivery service

- When you have trouble with your au cell phone, replacement cell phone (same model, same color) is delivered to the specified place by calling to. Return your damaged cell phone within 14 days after replacement cell phone is delivered.
- Available up to twice in a year from the day you use this service as a start day. If you do not use this service in the past year at the subscription to this service, it will be 1st time and if you use, it will be 2nd time.

* For details, refer to au homepage.

Holding over and repair

- Damages and malfunctions intentionally caused by the customer as well as those due to modification (e.g. disassembly, change of parts, painting, etc.) by the customer are not covered by this service.
- You cannot receive a refund for replacement of the outer casing due to stains, scratches, paint removal, etc. on the outer casing.

Main Specifications

■ This product

Display	Approx. 6.0 inches, Max. 16.77 million colors, POLED
	1280 x 720 dots (HD)
Weight	Approx. 178 g (including built-in battery)
Size (W x H x D)	Approx. 82 mm x 161 mm x 8.8 mm (max. thickness: approx. 9.7 mm)
CPU	MSM8974 2.3 GHz Quad core
Memory (Internal)	ROM: 32 GB RAM: 2 GB
Continuous calling time	In Japan Approx. 1260 minutes
	Out of Japan (GSM) Approx. 940 minutes
Continuous standby time*1	In Japan Approx. 670 hours (when using LTE) Approx. 690 hours (when using 3G)
	Out of Japan (GSM) Approx. 700 hours
Continuous tethering time	Approx. 630 minutes (when using LTE of WAN side) Approx. 660 minutes (when using 3G of WAN side)
Number of concurrent connections with tethering	13 devices (Wi-Fi® tethering: 8, Bluetooth® tethering: 4 and USB tethering: 1)

Charging time	AC adapter	Approx. 130 minutes (when using Common AC adapter 04 (sold separately))
	DC adapter	Approx. 450 minutes (when using Common DC adapter 03 (sold separately))
Camera (Main camera)	Image pickup device	CMOS
	Effective pixels	Approx. 13.25 million
	Digital zoom	8.0 times zoom
Camera (Sub camera)	Image pickup device	CMOS
	Effective pixels	Approx. 2.42 million
Wireless LAN (Wi-Fi®)	Communication method	IEEE802.11 a/b/g/n/ac compliant
	Frequency band	2.4 GHz/5 GHz frequency band

Bluetooth®	Communication method	Bluetooth® standard Ver. 4.0
	Output	Bluetooth® standard Power Class1
	Communication distance*2	Ideal line-of-sight distance is the max. 10 m
	Compatible profiles/ functions*3	SPP (Serial Port Profile), HFP (Hands-Free Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile), FTP (File Transfer Profile), HID (Human Interface Device Profile), HSP (Headset Profile), OPP (Object Push Profile), PAN (Personal Area Networking Profile), PAN NAP, PAN U, PBAP (Phone Book Access Profile) *4, apt-X, SCMS-T, DUN (Dial-Up Networking Profile) *5
	Frequency band	2.4 GHz frequency band
Continuous watching time*6	Full seg	Approx. 3 hours 30 minutes
	1 seg	Approx. 5 hours 50 minutes

*1 Continuous standby times are measurements in a static state.
*2 Changes according to objects obstructing devices and signal reception.
*3 Specifications provided in Bluetooth® standards for making communication between Bluetooth® compatible devices in accordance with their intended use.
*4 Depending on the phonebook data, it may not be displayed properly on the other party's device.
*5 Compatible only on some car navigation system. Refer to au website for usage.
*6 Continuous viewing time may change depending on the usage condition.

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- The continuous call time and continuous standby time may drop to less than half depending on the battery charging status, usage environment such as temperature, reception condition at the location where this product is used, and the function settings.

Specific Absorption Rate (SAR) of Cell Phones

This model of "LGL23" mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves. This cell phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves(*1) and limits to exposure to radio waves recommended by equivalent international guidelines.
These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition. The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human head. The SAR limit for cell phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.367 W/kg.
There may be slight differences in SAR levels among individual products, but they all satisfy the limit. The actual SAR of this cell phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the cell phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the cell phone.

This cell phone can be used in positions besides your ear. This cell phone satisfies the international guidelines when used with au Carrying Case G Black (0106FCA) (sold separately) recommended by KDDI[*2].
In case you are not using the au Carrying Case G Black (0106FCA) (sold separately), use a product that contains no metal parts, and one that can hold the cell phone at least 1.5 cm away from your body.
The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a hands-free kit to keep the mobile phone away from your head and body.
If you would like to know more detailed information, please refer to the WHO website.
http://www.who.int/docstore/peh-emf/publications/facts_press/fact_japanese.htm
Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○ Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm

○ Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/index02.html (in Japanese only)

○ au Website:
http://www.au.kddi.com/

○LG Electronics Inc. Website:
View "Specifications" page of this product.
http://www.lg.com/jp/mobile-phone (in Japanese only)
URL is subject to change without notice.

*1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, the international standard IEC62209-2 was set in March 2010. Regarding Japanese technical regulation, the Ministerial Ordinance with part of the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations) revised was promulgated in August 2013, and will come into force on April 1st, 2014.

Declaration of Conformity

The product "LGL23" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1 (a), 3.1 (b) and 3.2.
This mobile phone complies with the EU requirements for exposure to radio waves.
Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR* limits** for exposure to radio-frequency (RF) energy, which SAR* value, when tested for compliance against the standard was 0.313 W/kg at the ear, and 0.318 W/kg when worn on the body. To comply with the RF Exposure limits a distance of greater than 1.5 cm must be maintained from the user's body.
While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

* The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

** The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

*** Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value.
This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

European Union Directives Conformance Statement

CE 0168 !

Hereby, LG Electronics Inc. declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

The above gives an example of a typical Product Approval Number.

Wi-Fi (WLAN)	This device is intended for sale in Japan only. This equipment may be operated in all European countries. The 5150 - 5350 MHz band is restricted to indoor use only.

Important Safety Information

AIRCRAFT
Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers a 'flight mode' or similar feature consult airline staff as to whether it can be used on board.

DRIVING
Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS
Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS
Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

INTERFERENCE
Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers
Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

NOTE : Excessive sound pressure from earphones and headphones can cause hearing loss .

To prevent possible hearing damage, do not listen at high volume levels for long periods.

For other Medical Devices:
Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

Warning
The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Exposure Information

This model phone is a radio transmitter and receiver.
It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.
The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.
The SAR value for this model handset when tested for use at the ear is 0.63 W/kg and when worn on the body, as described in this user guide, is 1.02 W/kg (Hotspot).

Body-worn Operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components.
The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.
The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID ZNFLGL23.
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website at http://ctia.org/.

Certificate and Standard

You can confirm the certificate and standard mark of this product (certificate and certificate number included) by the following procedures on this product.

1 Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Regulatory and Safety"

Export Administration Regulations

This product and its accessories may be subject to the Japan Export Control Regulations ("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration Regulations) is applied to this product and its accessories. If you export or re-export this product or its accessories, please follow the necessary procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

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For inquiries, call:

Customer Service Center

For general information and charges (toll free)

From fixed-line phones: **0077-7-111** (Free Call)

From au cell phones: **157** without area code

Pressing "zero" will connect you to an operator, after calling "157" on your au cellphone.

For loss or theft and operation information (toll free)

From fixed-line phones: **0077-7-113** (Free Call)

From au cell phones: **113** without area code

In case above numbers are not available, call toll-free:

0120-977-033 (except Okinawa) (Free Call)

0120-977-699 (Okinawa) (Free Call)

Secure cell phone support center

For loss, theft, damage (toll free)

From fixed-line phones/au cell phones,

0120-925-919 (Free Call)

Business hours 9:00−21:00 (7 days a week)

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